

Environmental Management Plan

Date: 4/19/2013

Log #: _____

Responsible Individual: Mark Thomas, Adam Walters

Division/Section: Computing Sector

Environmental Aspect: Site Management, Infrastructure, existing building modification

Achieve alignment with DOE Guiding Principles for Sustainable Buildings for the Grid Computing Center.

Environmental Objective:

Target Date: 30-Dec-14

Action Plan:

Completed

Milestone Date How will the objective be met? (List interim milestone targets and responsible parties.)

4/17/2013 1. Form an integrated team - members are Adam Walters, Mark Thomas, Amy Pavnica, Martin Bentivengo, Steve Dixon and Ted Thorson by April 19, 2013.

8/1/2013 2. Develop GCC Building Management Plan by September 1, 2013

3/24/2014 3. Investigate water usage and quality with the GCC bathroom faucets and toilets to determine if water conserving fixtures would contribute to the intent of the Guiding Principles by December 1, 2014.

3/24/2014 4. Install automated lighting controls for both bathrooms by September 30, 2014.

What operational controls will support achieving this objective?

1. Coordination between Computing Sector, FESS Operations and Engineering, Data Clean (computer room cleaning vendor) and janitorial services.

How will this objective be tracked?

1. Annual sustainability reporting to DOE. 2. Annual review of the EMP from team members and the EPS.

Estimate what resources will be required to achieve this objective.

1. Computing Facility personnel, as well as FESS Engineering, Operations and T&M resources 3 weeks of a CCD/FESS employees combined. 2. Funding to replace bathroom fixtures and lighting upgrades - approx. \$10 K.